OIPE



RAW SEQUENCE LISTING DATE: 12/11/2001 PATENT APPLICATION: US/10/003,021 TIME: 12:04:58

Input Set : A:\INVIT1140-3.ST25.txt
Output Set: N:\CRF3\12112001\I003021.raw

ENTERED

```
2 <110> APPLICANT: INVITROGEN CORPORATION
              FERNANDEZ, Joseph
              HEYMAN, John
      4
      5
             HOEFFLER, James
      7 <120> TITLE OF INVENTION: LIBRARIES OF EXPRESSIBLE GENE SEQUENCES
      9 <130> FILE REFERENCE: INVIT1140-3
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/003,021
C--> 11 <141> CURRENT FILING DATE: 2001-11-14
     11 <150> PRIOR APPLICATION NUMBER: US 09/285,386
     12 <151> PRIOR FILING DATE: 1999-04-02
     14 <150> PRIOR APPLICATION NUMBER: US 60/096,981
     15 <151> PRIOR FILING DATE: 1998-08-18
     17 <150> PRIOR APPLICATION NUMBER: US 60/080,626
     18 <151> PRIOR FILING DATE: 1998-04-03
     20 <160> NUMBER OF SEQ ID NOS: 6
     22 <170> SOFTWARE: PatentIn version 3.0
     24 <210> SEQ ID NO: 1
     25 <211> LENGTH: 27
     26 <212> TYPE: DNA
     27 <213> ORGANISM: Artificial sequence
     29 <220> FEATURE:
     30 <223> OTHER INFORMATION: Common 5' primer
     32 <400> SEQUENCE: 1
                                                                                27
     33 gcagtcctgg aattccagct gaccacc
     36 <210> SEQ ID NO: 2
     37 <211> LENGTH: 28
     38 <212> TYPE: DNA
     39 <213> ORGANISM: Artificial sequence
     41 <220> FEATURE:
     42 <223> OTHER INFORMATION: H6stopprevu primer
     44 <400> SEQUENCE: 2
                                                                                28
     45 aaactcaatg gtgatggtga tgatgacc
     48 <210> SEQ ID NO: 3
     49 <211> LENGTH: 23
     50 <212> TYPE: DNA
     51 <213> ORGANISM: Artificial sequence
     53 <220> FEATURE:
     54 <223> OTHER INFORMATION: Topo-H oligonucleotide
     56 <400> SEQUENCE: 3
                                                                               23
     57 agetegeeet tatteegata gtg
     60 <210> SEQ ID NO: 4
     61 <211> LENGTH: 6
     62 <212> TYPE: DNA
     63 <213> ORGANISM: Artificial sequence
     65 <220> FEATURE:
     66 <223> OTHER INFORMATION: Topo-4 oligonucleotide
     68 <400> SEQUENCE: 4
```

1450 2 01 1

RAW SEQUENCE LISTING DATE: 12/11/2001 PATENT APPLICATION: US/10/003,021 TIME: 12:04:58

Input Set : A:\INVIT1140-3.ST25.txt
Output Set: N:\CRF3\12112001\1003021.raw

69	agggcg	6
72	<210> SEQ ID NO: 5	
73	<211> LENGTH: 16	
74	<212> TYPE: DNA	
75	<213> ORGANISM: Artificial sequence	
77	<220> FEATURE:	
78	<223> OTHER INFORMATION: Topo-5 oligonucleotide	
80	<400> SEQUENCE: 5	
81	caacactatc ggaata	16
84	<210> SEQ ID NO: 6	
85	<211> LENGTH: 5	
86	<212> TYPE: PRT	
87	<213> ORGANISM: Artificial sequence	
89	<220> FEATURE:	
90	<223> OTHER INFORMATION: Epitope tag	
92	<400> SEQUENCE: 6	
94	Phe His His Thr Thr	
95	1 5	

VERIFICATION SUMMARY DATE: 12/11/2001 TIME: 12:04:59 PATENT APPLICATION: US/10/003,021

Input Set : A:\INVIT1140-3.ST25.txt Output Set: N:\CRF3\12112001\1003021.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date